

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S34	1	("313"/\$.ccls.)AND((molybdenum mo)same(chromium cr))AND(lamp with capsule)	US-PGPUB; USPAT	OR	ON	2006/03/02 12:46
S35	27	("313"/\$.ccls. )AND(chromium\$manganese chromium\$boron chromium\$cobalt chromium\$iron)	US-PGPUB; USPAT	OR	ON	2006/03/02 12:28
S36	8	((("20020008477") or ("4015165") or ("3959682") or ("4777404") or ("3420944") or ("3105867")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/02 12:29
S37	6	("313"/\$.ccls.)AND(foil same (manganese mn)same(chromium cr))	US-PGPUB; USPAT	OR	ON	2006/03/02 12:49
S38	3	(lamp)same(foil same (manganese mn)same(chromium cr))	US-PGPUB; USPAT	OR	ON	2006/03/02 12:50
S39	20	(lamp)same((foil conductor electrode) same (manganese mn)same(chromium cr))	US-PGPUB; USPAT	OR	ON	2006/03/02 12:54
S40	343	(lamp)and((foil conductor electrode) same (manganese mn)same(chromium cr))	US-PGPUB; USPAT	OR	ON	2006/03/02 13:43
S41	6	("3105867").URPN.	USPAT	OR	ON	2006/03/02 13:40
S42	18	("3105867"   "3515931"   "3548245"   "4110657"   "4254356"   "4851733").PN. OR ("5430353"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 13:42
S43	3850	(lamp)and((foil conductor electrode)same(chromium cr))	US-PGPUB; USPAT	OR	ON	2006/03/02 13:43
S44	2463	("313"/\$.ccls.)and((foil conductor electrode)same(chromium cr))	US-PGPUB; USPAT	OR	ON	2006/03/02 13:43
S45	677	("313"/\$.ccls.)and((foil conductor electrode)same(chromium cr)same(manganese mn cobalt co iron fe boron bo))	US-PGPUB; USPAT	OR	ON	2006/03/02 13:44
S46	28	("313"/\$.ccls. )and((foil)same(chromium cr)same(manganese mn cobalt co iron fe boron bo))	US-PGPUB; USPAT	OR	ON	2006/03/02 13:49
S47	778	("313"/\$.ccls.)and((oxidation oxidize oxide)same(chromium cr)same(manganese mn cobalt co iron fe boron bo))	US-PGPUB; USPAT	OR	ON	2006/03/02 13:50

## EAST Search History

S48	158	("313"/\$.ccls.)and((oxidation oxidize oxide)same(chromium cr)same(manganese mn cobalt co iron fe boron bo))AND(lamp)	US-PGPUB; USPAT	OR	ON	2006/03/02 14:00
S49	2	("3420944").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/02 14:00
S50	18	("3420944").URPN.	USPAT	OR	ON	2006/03/02 14:14
S51	1	("3793615").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/02 14:15
S52	11	("3420944"   "3448320").PN. OR ("3793615").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:26
S54	1259	(chromium with (manganese cobalt iron boron) with alloy)same(\$oxidation)	US-PGPUB; USPAT	OR	ON	2006/03/02 14:57
S55	60	(chrome with (manganese cobalt iron boron) with alloy)same(\$oxidation)	US-PGPUB; USPAT	OR	ON	2006/03/02 16:09
S56	497	((chrome chromium Cr)with(manganese mn)with(alloy))same(oxidation)	US-PGPUB; USPAT	OR	ON	2006/03/02 16:13
S57	173	((((chrome chromium Cr)with(manganese mn)with(alloy))same(oxidation))AND(alloy.ti.)	US-PGPUB; USPAT	OR	ON	2006/03/02 16:25
S58	21	((chrome chromium Cr)and(manganese mn)and(alloy)).ti.	US-PGPUB; USPAT	OR	ON	2006/03/02 16:28
S59	60	((chrome chromium Cr)and(manganese mn)).ti.	US-PGPUB; USPAT	OR	ON	2006/03/02 16:39
S60	12622	((chrome chromium Cr)with(manganese mn))with alloy	US-PGPUB; USPAT	OR	ON	2006/03/02 16:41
S61	4137	((chrome chromium Cr)adj3(manganese mn))with alloy	US-PGPUB; USPAT	OR	ON	2006/03/02 16:41
S62	613	((chrome chromium Cr)adj3(manganese mn))adj3 alloy	US-PGPUB; USPAT	OR	ON	2006/08/16 10:08
S63	130	((chrome chromium Cr)adj(manganese mn))adj alloy	US-PGPUB; USPAT	OR	ON	2006/03/02 16:41
S64	292	((chromium chrome cr)with(iron fe cobalt co boron bo)with(alloy)).ti.	US-PGPUB; USPAT	OR	ON	2006/03/03 08:41
S65	1002	((chromium chrome cr)with(cobalt co)with(alloy))same(corosion oxidation)	US-PGPUB; USPAT	OR	ON	2006/03/03 08:41

## EAST Search History

S66	18	((chromium chrome cr)adj(cobalt co)adj(alloy))same(corosion oxidation)	US-PGPUB; USPAT	OR	ON	2006/03/03 08:45
S67	46	((chromium chrome cr)adj2(cobalt co)adj2(alloy))same(corosion oxidation)	US-PGPUB; USPAT	OR	ON	2006/03/03 08:45
S68	1	("3868277").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/15 13:49
S69	2	("3235379").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/16 09:34
S70	280	((chromium chromium Cr)adj3(manganese mn))adj3 alloy)and(lamp light foil)	US-PGPUB; USPAT	OR	ON	2006/08/16 10:09
S71	2029	((chromium chromium Cr)adj3(manganese mn cobalt co iron fe boron b))adj3 alloy)and(lamp light foil)	US-PGPUB; USPAT	OR	ON	2006/08/16 10:10
S72	218	((chromium chromium Cr)adj3(manganese mn cobalt co iron fe boron b))adj3 alloy)same(lamp light foil)	US-PGPUB; USPAT	OR	ON	2006/08/16 10:24
S73	404	((chromium chromium Cr)adj3(manganese mn cobalt co iron fe boron b))adj3 alloy)same(lamp light foil)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 10:17
S75	1	("3959682").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/09 16:10
S76	1	("3959682").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 08:51
S77	17	((oxidation anti\$1oxidation)same(chromium\$1cobalt chromium\$1manganese chromium\$1iron chromium\$1boron stainless\$1steel))same(lamp light electrode conductor)	US-PGPUB; USPAT	OR	ON	2007/02/12 10:37
S78	7	((("4015165") or ("3959682") or ("4777404") or ("3420944") or ("3105867"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 09:00
S79	7	("3551722"   "3644773").PN. OR ("4777404").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/12 10:33

## EAST Search History

S80	18	((oxidation anti\$1oxidation)same(chromium\$1cobalt chromium\$1manganese chromium\$1iron chromium\$1boron stainless\$1steel))same(lamp light electrode conductor wire)	US-PGPUB; USPAT	OR	ON	2007/02/12 12:28
S81	1002	(chromium\$1cobalt chromium\$1manganese chromium\$1iron chromium\$1boron stainless\$1steel)same(electrode conductor wire)	US-PGPUB; USPAT	OR	ON	2007/02/12 12:29
S82	584	((chromium\$1cobalt chromium\$1manganese chromium\$1iron chromium\$1boron stainless\$1steel)same(electrode conductor wire))and(lamp light)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 12:56
S83	4	(chromium\$1manganese)same(electrode conductor wire)same(lamp light)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 12:57
S84	25	(chromium\$1manganese)same(electrode conductor wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 12:57
S85	85	(chromium\$1manganese Cr\$1Mn)same(electrode conductor wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 15:16